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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/992,138	11/16/2001	David A. Funck	6065-82969	4649
24628 7590 01/31/2007 WELSH & KATZ, LTD 120 S RIVERSIDE PLAZA 22ND FLOOR CHICAGO, IL 60606			EXAMINER LANIER, BENJAMIN E	
			ART UNIT 2132	PAPER NUMBER
SHORTENED STATUTORY PERIOD OF RESPONSE			MAIL DATE	
3 MONTHS			01/31/2007	
			DELIVERY MODE PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary

Application No.

09/992,138

Applicant(s)

FUNCK ET AL.

Examiner

Benjamin E. Lanier

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 January 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-46 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-46 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 05 January 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Amendment

1. The amendment filed 09 January 2007 is objected to under 35 U.S.C. 132(a) because it introduces new matter into the disclosure. 35 U.S.C. 132(a) states that no amendment shall introduce new matter into the disclosure of the invention. The added material which is not supported by the original disclosure is as follows: the ACD transmits the predetermined signal to the customer data processor without request from the agent.

Applicant is required to cancel the new matter in the reply to this Office Action.

Response to Arguments

2. Applicant's arguments filed 09 January 2007 have been fully considered but they are not persuasive. Applicant argues that "no communication channel in Schulze is established solely through the cellular network." This argument is not persuasive because Schulze discloses that the MVPM sends data on a periodic basis over a cellular network to the host ([0045]). The cellular network is shown in Figure1 as element 20 ([0046]). This network is used by the present invention to transmit voice and data ([0046] & Figure 1 see elements 14 and 16). Therefore, Schulze clearly shows the transmission of voice and data over the same communication channel as claimed. Applicant even admits, on page 13 of the remarks, "the data is transmitted over a cellular network..." and "the channel used for voice communication which is a channel established through the cellular network."

3. Applicant argues that two different communication paths are used for data and voice transmissions. Destination pathway of the data over the channel is irrelevant to the claim limitations.

Claim Rejections - 35 USC § 112

4. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

5. Claim 2 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

The added material which is not supported by the original disclosure is as follows: the ACD transmits the predetermined signal to the customer data processor without request from the agent.

Claim Rejections - 35 USC § 102

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 1-9, 16-20, 22, 36-39 are rejected under 35 U.S.C. 102(e) as being anticipated by Schulze, U.S. Publication No. 2001/0027384. Referring to claim 1, Schulze discloses a wireless biotelemetry monitoring system wherein a patient wearing a multi-variable patient monitor (MVPM) can be monitored using the Wireless Internet Bio-telemetry system (WIBMS). The MVPM has the capability of communicating bi-directionally via voice in the same manner as a normal cellular telephone ([0045]) using PSTN connections to a host computer ([0045]). The

Art Unit: 2132

MVPM can communicate voice traffic from the patient over a PSTN channel to a 911 operator ([0048] & [0057]), which meets the limitation of a communication channel that connects the customer and agent using a first communication process. The MVPM comprises a processor (Claim 1) and also provides means to transmit data traffic over the same channel periodically, in real-time, or by request by the operator on the other end ([0045], [0047], [0048]), which meets the limitation of a customer data processor that operates independently of the first communication process configured to handle two way communication between the customer and the agent of the ACD under a second communication process that is different than the first communication process. The data transmitted by the MVPM is physiological data about the patient wearing the MVPM ([0044] & [0047]), which meets the limitation of the customer data processor configured to store and process customer data provided by the customer. The data transmitted from the MVPM is done so in an encrypted fashion to protect patient privacy ([0048]), which meets the limitation of a data encryptor operatively coupled to the customer data processor and configured to encrypt the customer data. The encrypted data can be transmitted after a request from the operator ([0048]) and in response to an alarm condition ([0050]), which meets the limitation of the customer data processor configured to transmit the encrypted customer data to the ACD upon receiving a predetermined signal. The medical service provider or 911 operator receives the transmitted data so that the patient's physiological data can be investigated ([0047] & [0057]). Schulze does not expressly disclose that the encrypted data that is transmitted from the MVPM is decrypted on the receiving end, however, the purpose of the invention is to monitor the physiological data of the patient wearing the MVPM. Therefore, decryption capabilities are necessarily present in the receiving end of the Wireless Internet Bio-

Art Unit: 2132

telemetry system of Schulze, which would meet the limitation of a customer data interpreter operatively coupled to the ACD for receiving and decrypting the encrypted customer data to facilitate presentation of the customer data to the agent. Schulze discloses that the MVPMP sends data on a periodic basis over a cellular network to the host ([0045]). The cellular network is shown in figure 1 as element 20 ([0046]). This network is used by the present invention to transmit voice **and** data ([0046] & Figure 1 see elements 14 and 16). Therefore, Schulze is clearly concerned with the transmission of voice and data over the same communication channel as claimed (Figure 1 shows voice 14 and data 16 transmitted over the same wireless network 20).

Referring to claim 2, Schulze discloses that the data transmitted by the MVPMP is physiological data about the patient wearing the MVPMP ([0044] & [0047]), which meets the limitation of the customer data is predetermined data. The MVPMP comprises a processor (Claim 1) and also provides means to transmit data traffic over the same channel periodically, in real-time ([0045], [0047], [0048]), which meets the limitation of the ACD transmits the predetermined signal to the customer data processor without request from the agent causing the predetermined customer data to be automatically transmitted to the ACD and presented to the agent.

Referring to claims 3, 4, Schulze discloses that the customer data can be transmitted to the host/service provider in response to an alarm condition ([0050]), which meets the limitation of the customer data is sent to the ACD prior to the two way communication between the customer and the agent, the customer data is automatically transmitted to the agent of the ACD prior to a voice communication between the customer and the agent.

Referring to claims 5, 6, Schulze discloses that the MVPM can communicate voice data while continuously communicating the physiological data ([0045]), which meets the limitation of the customer data is sent to the ACD during the two-way communication between the customer and the agent, the customer data is sent to the ACD substantially simultaneously with the two way communication between the customer and the agent.

Referring to claim 7, Schulze discloses that the host initiates a voice call to the MVPM which triggers the MVPM to establish a data call back to the host ([0057]), which meets the limitation of the customer data is automatically transmitted to the agent of the ACD after voice communication between the customer and the agent has terminated.

Referring to claim 8, Schulze discloses that the customer data can be transmitted to the host/service provider in response to an alarm condition ([0050]), which meets the limitation of the customer issues the predetermined signal to facilitate automatic transmission of the customer data to the ACD.

Referring to claim 9, Schulze does not expressly disclose that the information transmitted from the MVPM includes a patient name or address, but a patient name and address would be necessarily included in the transmitted information from the MVPM because the purpose of system is to provide medical monitoring services to a mobile patient. Therefore, it would be imperative to know who the patient is, and where there are in the event of a medical emergency.

Referring to claim 16, Schulze discloses that the MVPM includes a processor and wireless communication device (claim 1), which meets the limitation of the customer data processor includes a computer and a modem configured to facilitate communicate between the customer and the agent of the ACD.

Art Unit: 2132

Referring to claim 17, Schulze discloses that the network is an ISDN network ([0048]), which is provided over a POTS.

Referring to claim 18; Schulze discloses that the MVPM has buttons that are used to dial a phone number ([0059]) and that the voice communication network is PSTN, which requires DTMF tones.

Referring to claims 19, 20, Schulze discloses that the MVPM has mobile telephone functionality ([0059]).

Referring to claim 22, Schulze discloses a wireless biotelemetry monitoring system wherein a patient wearing a multi-variable patient monitor (MVPM) can be monitored using the Wireless Internet Bio-telemetry system (WIBMS). The MVPM has the capability of communicating bi-directionally via voice in the same manner as a normal cellular telephone ([0045]) using PSTN connections to a host computer ([0045]). The MVPM can communicate voice traffic from the patient over a PSTN channel to a 911 operator ([0048] & [0057]), which meets the limitation of a telephonic communication device configured to establish a two way communication channel between the customer and the agent of the ACD under a first communication process. The MVPM comprises a processor (Claim 1) and also provides means to transmit data traffic over the same channel periodically, in real-time, or by request by the operator on the other end ([0045], [0047], [0048]), which meets the limitation of a customer data processor means operatively coupled to the telephonic communication device, independently of the first communication process configured to handle two way communication between the customer and the agent of the ACD under a second communication process that is different than the first communication process. The data transmitted by the MVPM is physiological data about

Art Unit: 2132

the patient wearing the MVPM ([0044] & [0047]), which meets the limitation of the customer data processor configured to store and process customer data provided by the customer. The data transmitted from the MVPM is done so in an encrypted fashion to protect patient privacy ([0048]), which meets the limitation of a data encryptor operatively coupled to the customer data processor and configured to encrypt the customer data. The encrypted data can be transmitted after a request from the operator ([0048]) and in response to an alarm condition ([0050]), which meets the limitation of the customer data processor configured to transmit the encrypted customer data to the ACD upon receiving a predetermined signal. The medical service provider or 911 operator receives the transmitted data so that the patient's physiological data can be investigated ([0047] & [0057]). Schulze does not expressly disclose that the encrypted data that is transmitted from the MVPM is decrypted on the receiving end, however, the purpose of the invention is to monitor the physiological data of the patient wearing the MVPM. Therefore, decryption capabilities are necessarily present in the receiving end of the Wireless Internet Bio-telemetry system of Schulze, which would meet the limitation of a customer data interpreter operatively coupled to the ACD for receiving and decrypting the encrypted customer data to facilitate presentation of the customer data to the agent.

Referring to claim 36, Schulze discloses a wireless biotelemetry monitoring system wherein a patient wearing a multi-variable patient monitor (MVPM) can be monitored using the Wireless Internet Bio-telemetry system (WIBMS). The MVPM has the capability of communicating bi-directionally via voice in the same manner as a normal cellular telephone ([0045]) using PSTN connections to a host computer ([0045]). The MVPM can communicate voice traffic from the patient over a PSTN channel to a 911 operator ([0048] & [0057]), which

Art Unit: 2132

meets the limitation of a communication means configured to establish a two way communication channel between the customer and agent under a first communication process. The MVPM comprises a processor (Claim 1) and also provides means to transmit data traffic over the same channel periodically, in real-time, or by request by the operator on the other end ([0045], [0047], [0048]), which meets the limitation of a customer processing means that operates independently of the first communication process that is configured to handle two way communication between the customer and the agent of the ACD under a second communication process that is different than the first communication process, configured to transmit the encrypted customer data to the ACD over the two-way communication channel under a second communication process that is different than the first communication process upon receiving a predetermined signal. The data transmitted by the MVPM is physiological data about the patient wearing the MVPM ([0044] & [0047]), which meets the limitation of the customer data processor configured to store and process customer data provided by the customer. The data transmitted from the MVPM is done so in an encrypted fashion to protect patient privacy ([0048]), which meets the limitation of means for encrypting operatively coupled to the customer processing means and configured to encrypt the customer data. The encrypted data can be transmitted after a request from the operator ([0048]) and in response to an alarm condition ([0050]), which meets the limitation of the customer data processor configured to transmit the encrypted customer data to the ACD upon receiving a predetermined signal. The medical service provider or 911 operator receives the transmitted data so that the patient's physiological data can be investigated ([0047] & [0057]). Schulze does not expressly disclose that the encrypted data that is transmitted from the MVPM is decrypted on the receiving end, however, the purpose of

Art Unit: 2132

the invention is to monitor the physiological data of the patient wearing the MVPM. Therefore, decryption capabilities are necessarily present in the receiving end of the Wireless Internet Bio-telemetry system of Schulze, which would meet the limitation of a customer data interpreter operatively coupled to the ACD for receiving and decrypting the encrypted customer data to facilitate presentation of the customer data to the agent.

Referring to claim 37, Schulze discloses that the host initiates a voice call to the MVPM which triggers the MVPM to establish a data call back to the host ([0057]), which meets the limitation of the ACD transmits the predetermined signal to the customer data processor causing the customer data to be automatically transmitted to the ACD and presented to the agent.

Referring to claim 38, Schulze discloses that the customer data can be transmitted to the host/service provider in response to an alarm condition ([0050]), which meets the limitation of the customer issues the predetermined signal to facilitate automatic transmission of the customer data to the ACD.

Referring to claim 39, Schulze does not expressly disclose that the information transmitted from the MVPM includes a patient name or address, but a patient name and address would be necessarily included in the transmitted information from the MVPM because the purpose of system is to provide medical monitoring services to a mobile patient. Therefore, it would be imperative to know who the patient is, and where there are in the event of a medical emergency.

Referring to claim 45, Schulze discloses that the MVPM has mobile telephone functionality ([0059]).

Art Unit: 2132

Referring to claim 46, Schulze discloses that the network is an ISDN network ([0048]), which is provided over a POTS.

Claim Rejections - 35 USC § 103

8. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

9. The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
2. Ascertaining the differences between the prior art and the claims at issue.
3. Resolving the level of ordinary skill in the pertinent art.
4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

10. Claims 13-15, 21, 23-28, 32-35, 42-44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schulze, U.S. Publication No. 2001/0027384, in view of Schuster, U.S. Patent No. 6,857,072. Referring to claims 13-15, 42-44, Schulze discloses that public network used for communication can be a cable modem connection ([0048]) but does not expressly disclose VOIP protocol. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the data network of Schulze to be a VOIP network because the data network of Schulze is a data network that transmits voice packets which is VOIP network as described in Schuster (Col. 5, lines 5-9).

Referring to claim 21, Schulze discloses that the MVPM has mobile telephone functionality ([0059]), but does not disclose that the MVPM is a PDA. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the MVPM of Schulze to be a PDA because the PDA as described in Schuster (Col. 5, lines 50-64) contains all the desired functionality of the desired implementation of Schulze in one device with a user friendly interface (See Schuster Col. 5, lines 50-64 & Figure 13).

Referring to claim 23, Schulze discloses a wireless biotelemetry monitoring system wherein a patient wearing a multi-variable patient monitor (MVPM) can be monitored using the Wireless Internet Bio-telemetry system (WIBMS). The MVPM has the capability of communicating bi-directionally via voice in the same manner as a normal cellular telephone ([0045]) using PSTN connections to a host computer ([0045]). The MVPM can communicate voice traffic from the patient over a PSTN channel to a 911 operator ([0048] & [0057]), which meets the limitation of a telephonic communication device adapted to establish a communication channel between the customer and the agent of the ACD under a first communication process. The MVPM comprises a processor (Claim 1) and also provides means to transmit data traffic over the same channel periodically, in real-time, or by request by the operator on the other end ([0045], [0047], [0048]), which meets the limitation of a customer data processor operatively coupled to the telephonic communication device for storing and processing customer data provided by the customer, operates independently of the first communication process configured to handle two way communication between the customer and the agent of the ACD under a second communication process that is different than the first communication process. The data transmitted by the MVPM is physiological data about the patient wearing the MVPM ([0044] &

Art Unit: 2132

[0047]), which meets the limitation of the customer data processor configured to store and process customer data provided by the customer. The data transmitted from the MVPMM is done so in an encrypted fashion to protect patient privacy ([0048]), which meets the limitation of a data encryptor operatively coupled to the customer data processor and configured to encrypt the customer data. The encrypted data can be transmitted after a request from the operator ([0048]) and in response to an alarm condition ([0050]), which meets the limitation of the customer data processor configured to transmit the encrypted customer data to the ACD upon receiving a predetermined signal. The medical service provider or 911 operator receives the transmitted data so that the patient's physiological data can be investigated ([0047] & [0057]). Schulze does not expressly disclose that the encrypted data that is transmitted from the MVPMM is decrypted on the receiving end, however, the purpose of the invention is to monitor the physiological data of the patient wearing the MVPMM. Therefore, decryption capabilities are necessarily present in the receiving end of the Wireless Internet Bio-telemetry system of Schulze, which would meet the limitation of a customer data interpreter operatively coupled to the ACD for receiving and decrypting the encrypted customer data to facilitate presentation of the customer data to the agent. Schulze discloses that public network used for communication can be a cable modem connection ([0048]) but does not expressly disclose VOIP protocol. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the data network of Schulze to be a VOIP network because the data network of Schulze is a data network that transmits voice packets which is VOIP network as described in Schuster (Col. 5, lines 5-9).

Referring to claim 24, Schulze discloses a wireless biotelemetry monitoring system wherein a patient wearing a multi-variable patient monitor (MVPMM) can be monitored using the

Art Unit: 2132

Wireless Internet Bio-telemetry system (WIBMS). The MVPKM has the capability of communicating bi-directionally via voice in the same manner as a normal cellular telephone ([0045]) using PSTN connections to a host computer ([0045]). The MVPKM can communicate voice traffic from the patient over a PSTN channel to a 911 operator ([0048] & [0057]), which meets the limitation of a communication device adapted to establish a communication channel between the customer and the agent of the ACD under a first communication process. The MVPKM comprises a processor (Claim 1) and also provides means to transmit data traffic over the same channel periodically, in real-time, or by request by the operator on the other end ([0045], [0047], [0048]), which meets the limitation of storing customer data provided by customer, in a customer data processor of the telephonic communication device, the customer data processor operatively coupled to the telephonic communication device, independently transmitting the customer data to the ACT over the communication channel under a second communication process that is different than the first communication process. The data transmitted by the MVPKM is physiological data about the patient wearing the MVPKM ([0044] & [0047]). The data transmitted from the MVPKM is done so in an encrypted fashion to protect patient privacy ([0048]), which meets the limitation of a data encryptor operatively coupled to the customer data processor and configured to encrypt the customer data. The encrypted data can be transmitted after a request from the operator ([0048]) and in response to an alarm condition ([0050]), which meets the limitation of the customer data processor configured to transmit the encrypted customer data to the ACD upon receiving a predetermined signal. The medical service provider or 911 operator receives the transmitted data so that the patient's physiological data can be investigated ([0047] & [0057]). Schulze does not expressly disclose that the encrypted data that

Art Unit: 2132

is transmitted from the MVPM is decrypted on the receiving end, however, the purpose of the invention is to monitor the physiological data of the patient wearing the MVPM. Therefore, decryption capabilities are necessarily present in the receiving end of the Wireless Internet Bio-telemetry system of Schulze, which would meet the limitation of a customer data interpreter operatively coupled to the ACD for receiving and decrypting the encrypted customer data to facilitate presentation of the customer data to the agent. Schulze discloses that public network used for communication can be a cable modem connection ([0048]) but does not expressly disclose VOIP protocol. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the data network of Schulze to be a VOIP network because the data network of Schulze is a data network that transmits voice packets which is VOIP network as described in Schuster (Col. 5, lines 5-9).

Referring to claim 25, Schulze discloses that the host initiates a voice call to the MVPM which triggers the MVPM to establish a data call back to the host ([0057]), which meets the limitation of the ACD transmits the predetermined signal to the customer data processor causing the customer data to be automatically transmitted to the ACD and presented to the agent.

Referring to claim 26, Schulze discloses that the customer data can be transmitted to the host/service provider in response to an alarm condition ([0050]), which meets the limitation of the customer data is automatically transmitted to the agent of the ACD prior to a voice communication between the customer and the agent.

Referring to claim 27, Schulze discloses that the customer data can be transmitted to the host/service provider in response to an alarm condition ([0050]), which meets the limitation of

Art Unit: 2132

the customer issues the predetermined signal to facilitate automatic transmission of the customer data to the ACD.

Referring to claim 28, Schulze does not expressly disclose that the information transmitted from the MVPM includes a patient name or address, but a patient name and address would be necessarily included in the transmitted information from the MVPM because the purpose of system is to provide medical monitoring services to a mobile patient. Therefore, it would be imperative to know who the patient is, and where there are in the event of a medical emergency.

Referring to claim 32, Schulze discloses that the network is an ISDN network ([0048]), which is provided over a POTS.

Referring to claim 33, Schulze discloses that the MVPM has buttons that are used to dial a phone number ([0059]) and that the voice communication network is PSTN, which requires DTMF tones.

Referring to claim 34, Schulze discloses that the MVPM has mobile telephone functionality ([0059]).

Referring to claim 35, Schulze discloses that the MVPM has mobile telephone functionality ([0059]), but does not disclose that the MVPM is a PDA. It would have been obvious to one of ordinary skill in the art at the time the invention was made for the MVPM of Schulze to be a PDA because the PDA as described in Schuster (Col. 5, lines 50-64) contains all the desired functionality of the desired implementation of Schulze in one device with a user friendly interface (See Schuster Col. 5, lines 50-64 & Figure 13).

Art Unit: 2132

11. Claims 10-12, 29-31, 40, 41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schulze, U.S. Publication No. 2001/0027384, in view of Creswell, U.S. Patent No. 6,823,318. Referring to claims 10-12, 29-31, 40, 41, Schulze discloses that the encrypted data can be transmitted after a request from the operator ([0048]) and in response to an alarm condition ([0050]). The medical service provider or 911 operator receives the transmitted data so that the patient's physiological data can be investigated ([0047] & [0057]). Schulze does not disclose that the medical service provider has a specific vendor identification code. Creswell discloses a secure purchasing system wherein a purchaser receives the identity of a vendor when attempting to purchase a specific item (Col. 3, lines 24-56). The purchaser information that is transmitted to the vendor server is determined by the security association with the purchaser and that vendor server (Col. 4, line 7 – Col. 5, line 20), which meets the limitation of a vendor identification code transmitted to the customer data processor, the vendor identification code identifying a specific vendor associated with the communication between the customer and the agent, the customer data processor assigns one of a plurality of security levels to the vendor identification code, all of the customer data is transmitted to the agent if the vendor identification code is assigned the first security level, a portion of the customer data is transmitted to the agent if the vendor identification code is assigned the second security level, and non of the customer data is transmitted to the agent if the vendor identification code is assigned the third security level. It would have been obvious to one of ordinary skill in the art at the time the invention was made to determine what client information in Schulze, the client decided to transmit based on the specific medical service provider in order to avoid having the user's personal information available to unauthorized individuals as taught in Creswell (Col. 1, lines 24-26).

Conclusion

12. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

13. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin E. Lanier whose telephone number is 571-272-3805. The examiner can normally be reached on M-Th 7:30am-5:00pm, F 7:30am-4pm.

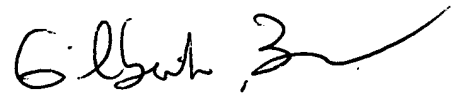
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2132

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